

KD-Validated Anti-PDCL3 Mouse Monoclonal Antibody
Mouse monoclonal Antibody
Catalog # AGI2173

Specification

KD-Validated Anti-PDCL3 Mouse Monoclonal Antibody - Product Information

Application	WB
Primary Accession	Q9H2J4
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2a
Calculated MW	Predicted, 28 kDa, observed, 35 kDa KDa
Gene Name	PDCL3
Aliases	PDCL3; Phosducin Like 3; VIAF1; Viral IAP-Associated Factor 1; Phosducin-Like Protein 3; HTPHLP; VIAF-1; PhPL3; IAP-Associated Factor VIAF1; PHLP2A; PhLP2A; PHLP3; VIAF
Immunogen	Recombinant protein of human PDCL3

KD-Validated Anti-PDCL3 Mouse Monoclonal Antibody - Additional Information

Gene ID **79031**

Other Names

Phosducin-like protein 3, HTPHLP, PhPL3, Viral IAP-associated factor 1, VIAF-1, PDCL3, PhLP2A, VIAF1

KD-Validated Anti-PDCL3 Mouse Monoclonal Antibody - Protein Information

Name PDCL3

Synonyms PhLP2A, VIAF1

Function

Acts as a chaperone for the angiogenic VEGF receptor KDR/VEGFR2, increasing its abundance by inhibiting its ubiquitination and degradation (PubMed:23792958, PubMed:26059764). Inhibits the folding activity of the chaperonin-containing T-complex (CCT) which leads to inhibition of cytoskeletal actin folding (PubMed:17429077). Acts as a chaperone during heat shock alongside HSP90 and HSP40/70 chaperone complexes (By similarity). Modulates the activation of caspases during apoptosis (PubMed:15371430).

Cellular Location

Cytoplasm. Cytoplasm, perinuclear region. Endoplasmic reticulum

Tissue Location

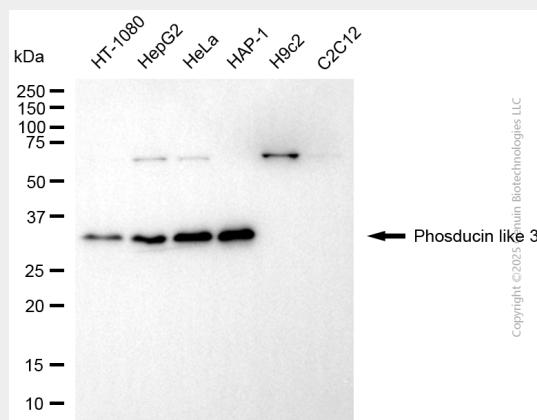
Expressed in endothelial cells (at protein level) (PubMed:26059764). Expressed in all tissues examined including spleen, thymus, prostate, testis, ovary, small intestine and colon (PubMed:15371430).

KD-Validated Anti-PDCL3 Mouse Monoclonal Antibody - Protocols

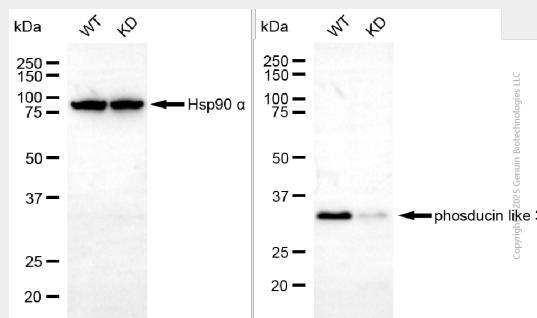
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KD-Validated Anti-PDCL3 Mouse Monoclonal Antibody - Images



Western blotting analysis using anti-phosducin like 3 antibody (Cat#AGI2173). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phosducin like 3 antibody (Cat#AGI2173, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-phosducin like 3 antibody (Cat#AGI2173). Phosducin like 3 expression in wild-type (WT) and phosducin like 3 (PDCL3) knockdown (KD) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-phosducin like 3 antibody (Cat#AGI2173, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.